DHQ 309

1899-00.

(Sanitary)

File No. 55.

Serials 1-4.

B.

P. 31

Opening of Trenches in New Jarayshete
&
Evacuation of Trenches in old
Jarayshete. ——

Ag.

Indexed
Dw

No serial to be Countermanded.
DHP. 6/12/06

GOVERNMENT OF MYSORE

Mysore
16th April 99

My dear Sir,

I have been for some time hesitating what action in the matter of several petitions which were sent home regarding the obstruction caused for the carrying on of the usual trade in the Taragupete of Bangalore. The merchants of that Pete also waited upon me in Bangalore & represented their grievances when I referred them to Mr. Madhava Rao and myself. After coming here I received more petitions and it is apparent that nothing has been done

receive their grievance - On
mature consideration I have co
the conclusion that I am bou
by my duty to bring the matte
your notice when I am confide
that it will receive due considera
and prompt redress. If a depu
and the rules framed thereunde
gives an individual officer of
Govt power to interfere arbitrarily with
such vast interests of people I
feel that every one responsible
for such regulation should more
not hesitate to say what he thi
of the situation and suggest su
remedies as may appear proper
for consideration by you as the
Head of Govt. It may not be ou

of peace to say that if the rules
allow opportunities for grievances
to be created they should be promptly
amended and improved -

I write without full knowledge
of all the circumstances of this
case and beg therefore that you
will not hesitate to correct me if
what I have been informed is
not correct. It was
represented to me that all the shops
numbering about 150 were closed -
practically no trade has been going
on since the 28th July March -
It was said that several thousands
of rupees worth of merchandise
was changing hands daily - The
value of the property was said
to be ten lacs - The municipal
assessment alone was about 3000 Rs

and the results of those also came
to hand that year - These figures
indicate the enormity of the in
terests involved and a sudden
stoppage of trade cannot but be
a very great calamity to those suf
fering from it - I have been
assured that there were no deaths
from plague in any of these Ports
though two persons among those
doing business there died
elsewhere - It would appear that
some dead rats were found -
The merchants expressed their
willingness to do anything to
procure the annulation of the
law and reinstate their trade
to the required standard - But

2)

nothing seems to have hindered
it so appear that the Veterinary
Surgeons have given their
opinions that Farageate is
not a fit place where the chief
Veterinary Surgeon of Bangalore, I
am not in a position to say
anything about them as I have
not read them. But it seems
some that if these opinions only
form the basis of this action
the ground work is very frail
and the moment the heads is stored
the latter will it be well covered
the remedy applied seems to me
like the killing of the patient by

-sely in the treatment hitherto
the sickness - Bangalore has, as
you know, suffered very much
indescribable hardships in con
-sequence of this dire disease
greatly intensified by the treatmen
adopted, and I am sure that
you will with your tenderness
of heart and generosity of
intentions refuse to accept
such ~~oppressive~~ ~~bracketing~~, ~~and~~ ~~and~~ ~~and~~

of relief without further delay—
We can only realize the gravity
of the situation and the enormity
of the loss by pulling ourselves
in the borders of their merchant
& I assure you that in this res-
pect I do not pretend to be swayed
by broader sympathies than
yourself— I am not certain
that all this has been represented
by you in their true colours &
magnitude and if I have gone
out of my way in taking upon
myself this task of writing to
you in this matter I beg you will
excuse me for from the representation
made home I have felt that
considerable
~~the~~ increased depression & hardship

has resulted from the attempt
to remove ~~[illegible]~~ exaggerated & unimaginary evils -
If there are other facts which affect
the merits of this case I am sure
you will weigh them also and
promptly redress the grievance
which is causing general res-
pectable merchants of Bangalore
the loss of their professional living

Yours very sincerely

Mudaliar

Rajyadharmandhara.
Sri. K. Sheshadri Iyer Esq.
Dewan of Mysore

Note

Muniswamy chetty

M. C. Chickanna

Thanking you,

Yours faithfully,

Date: 25/01/2025

Place: Ahmedabad

Karvedevatchelvetchan

Abdulkareem

Marimuthu Arumugalchetty

Marimuthu Arumugalchetty

[illegible]

[illegible]

[illegible]

25-10-99

Code Class. DD

INDIAN TELEGRAPHS.

Monthly Number. 6

To (Office) Bangalore Cantt. | From (Office) Bangalore

Words. 107 | Day. 18 | Hour. 9 | Minute. 53 | Official Instructions. P.O.S.L. - Urgent

To (Person) The Private Secretary to His Excellency the Governor of Mysore

From (Person) Inhabitants of Bangalore

9 o'clock

Deputation of the Respectable merchants of the Pettah Respectfully desire to wait upon the Governor to represent to him personally the grievances of the over 300 merchants they could only have the pleasure and honour of doing this early as the deputation is required at the time we were praying to the almighty for his speedy recovery and rejoicing at his safe arrival to wish you humble request to the address of many thanks and of true pettah

64 Word Form.

Recd. from LN. At Hrs. Mts. by

Sent to LN. At Hrs. Mts. by

Telegraph Master.

BANGALORE CENTRAL POST OFFICE 99

Code Class. }

INDIAN TELEGRAPHS.

Monthly Number. }

To (Office)	From (Office)

Words.	Day.	Hour.	Minute.	Official Instructions	No.

To (Person)	From (Person)

Will we ~~[illegible]~~ contracted by
Return us from ~~[illegible]~~ our
trouble and expenses

64 Word Form.

BANGALORE POST OFFICE 99 CENTRAL 1908

Recd. from	LN.	Sent to	LN.	
41 Hrs.	Mts. by	Hrs.	Hrs. Mts. by	Telegraph Master.

Hotel

The Deputies waited upon Mr Dawson. Mr Lee, Mr Kettlewell & Mr L. Kitchen were present. Mr Dawson pointed out to the Deputation that on waiting upon him it was distinctly understood that they should have this meeting in a less confined locality, that the value of their property was daily decreasing & that similar halls in a more central locality in a better part of the City could be obtained where built in such localities & that all the conditions the Board then suitable sites free of charge in the Town Thoroughfare & they left the Board decided to stick to this old place they should be responsible for contract for

Electric Light

Plague — The Queen's Jubilee

Provision for Commissariat

Cemetery Act

Education Act

Dear Sir

Yours very truly

Campbell.
2/4/00

P.L

Thanks very much for your
letter and the Sonnet.
Can I name
[illegible]
which you selected
Thanks to be accepted.
A short memo
[illegible]
[illegible]

please see
memo
[illegible]

[illegible]

26/3/90

D. No. 204—En. 1.

BANGALORE DISTRICT
DEPUTY COMMISSIONER'S OFFICE,
DATED, BANGALORE, 12TH SEPTEMBER 1899.

To—The Secretary to the Government of Mysore,
General and Revenue Departments.

SIR,

I have the honor to bring to the notice of Government that, as requested by the City Plague Authorities, the old Taragupett in the Bangalore City was caused to be evacuated, and with a view to prevent the dislocation of trade, the mandidars were persuaded to move their shops, as a temporary measure, to the buildings in the new Taragupett near the Victoria Hospital, with effect from the 28th August 1899.

2. A copy of the notice issued to the mandidars, in my capacity as President of the City Municipal Commission, is enclosed for information.

3. The mandidars have, in accordance with the notice, evacuated their mandies in the old Taragupett on the understanding that they would be allowed to re-open their shops after they are thoroughly disinfected and the necessary improvements made. Nearly 52 shops have been opened in the new Taragupett out of 140 which were in existence in the old Taragupett. All available accommodation has been engaged, but before more shops can spring up in this locality, it is necessary to decide whether the Taragupett will be allowed to remain in the old quarter or shifted to the new.

4. Those who own mandies and shops in Taragupett are opposed to the change for the following reasons:—

(1) that the present market value of their shops would be greatly depreciated.

(2) that the old Taragupett being more central and compact, business would thrive better there than in the new Taragupett.

(3) that a change would have the effect of diverting trade to other channels.

5. On the other hand, the question of removing the old Taragupett to a less congested and healthier locality has been under consideration for a very long time, and if the Government should decide that it should be done now, it seems to me that advantage may be taken of the present opportunity to make the change permanent.

6. The Plague Authorities have been disinfecting the Taragu mandies in the old Petta and this work may be expected to be finished in about a week's time, when permits will have to be given to the owners to re-occupy the shops. Steps are also being taken by the Sanitary Works Department to open cross roads and improve the drainage of the old Taragupett.

7. I must not omit to mention that, owing to temporary suspension of business in old Taragupett and partly for want of sufficient accommodation in the new Taragupett, some four or five of the mandidars have already gone to the Civil and Military Station and opened mandies there, thus diverting a portion of the traffic that used to come originally to the City grain market. Another point to be considered is that the nature of the trade carried on in Taragupett is such that it must all be in one compact place and not scattered over different parts of the town.

8. I submit the question for the consideration and orders of Government, and beg to be favored with instructions as to whether the old Taragupett is to be permitted to be re-opened for traffic or whether it should be permanently removed from that place.

I have, &c.,
K. P. PUTTANNA CHETTY,
Deputy Commissioner.

NOTICE.

(*Translation of the Kanarese Notice issued by the President, City Municipal Commission.*)

It having been brought to the notice of Government that some merchants or their servants trading in the mandies of Taragupett in the Bangalore City have lately died of plague, that dead rats are being found in many of the mandies and that there is reason to fear that this may spread the infection of plague in the City, the President of the City Municipal Commission, in exercise of the powers vested in him by Section 14 of the Epidemic Diseases Regulation, published under Government Notification No. 9384—M. F. 21-96, dated 10th February 1898, directs that all the mandies in the said Taragupett be vacated from the 28th of this month. The grains, &c., in the shops should be removed to another place. All the mandies will then be disinfected according to rules. The new mandies constructed near Chamrajpett are made available to merchants; sites will be granted to those who wish to remove themselves there, so that trade may not suffer.

Submitted to the Revenue Councilor, Eastern Division.

C. SREENIVASIENGAR, *Rev. & Gl. Secy.*
12th September 1899.

This is a large question and should be dealt with by Government. Please place the letter before the Dewan for very early orders. The interests of the Petta will be irreparably injured if from delay or hesitation the grain trade of the place should be turned into new channels. Once diverted, we should never be able to bring it back to the City. I went over the new and old Taragupetts with Col. Benson, Dr. Choksi and the Deputy Commissioner and others and saw the places and heard all that the persons in favor of the new Taragupett and against it had to say. There can be no question that the new Taragupett is admirably adapted for a grain mart. There is sufficient space to accommodate all the grain stores now held in the Petta. Many of the holders of sites will build "mandies" within an incredibly short time if they are assured that the Taragupett will be permanently transferred to the new site. The huts in the old Pioneer Cherry, which had been bought by the late Improvement Committee but which had not been taken possession of and dismantled, are now being rapidly pulled down and additional space for mandies will be made available in a short time.

I spoke to the Dewan this morning. He would like to have the proposals shown on a map. I am writing to Mr. Standish Lee to send Mr. Sundram Iyer to help me in preparing a plan.

On the other hand, the owners of mandies, as opposed to renters who are all in favor of the transfer to the new Taragupett, are bitterly opposed to the transfer. They are agreeable to any improvements which Government may wish to make in the old Taragupett—a fifty-feet wide road through the main Taragupett street, two straight roads 20 feet or so wide at the back of the main street and parallel to it and 5 cross roads starting from Mamool Pett and joining the Mysore road. The main road to be raised and metalled and the mandies given good ventilation, and holes made in them to let in the sun. This will cost a large sum, but I am in hopes of making the mandidars to bear a fair share of it. They will agree to give up such lands as may be required for the improvements above indicated and also to bear a portion of the cost of opening out roads, only if Government will leave the mandies where they are in the old Taragupett.

The question also as to the great depreciation of property which will result from the action of Government in removing the place of trade from the old Taragupett will have to be seriously considered. I have asked some of the prinicipal mandidars to meet me and formulate their grievances in this matter, and I shall note down both the extent and kind of loss they are likely to be put to by the transfer.

Meanwhile the papers may be placed before the Dewan.

V. P. MADHAVA RAO,
Revenue Councilor, Eastern Division.
13th September 1899.

URGENT.

Submitted to Dewan for favor of early orders.

C. SREENIVASIENGAR, *Rev. & Gl. Secy.*
13th September 1899.

BANGALORE TARAGUPETT.—(*Very urgent*).

I have read these papers. The matter is one of great urgency and it is one in which a definite immediate decision of the Government should be arrived at and announced after due consideration of all interests involved. I shall accordingly await the results of the investigation which Mr. Madhava Rao is making and the plans, &c., he is getting ready. These, I trust, will afford us the materials on which to base a decision satisfactory to all interests. Our decision must of course depend upon what is best for the interests of trade, public health, and public convenience. Among other points, we have first of all to decide whether the present Taragupett can be so improved as to satisfy all these interests, and, if so, what such improvement will cost and what share of such cost would be forthcoming from present mandi—owners. Will they give the land we would require or will they sell such land at a moderate fixed rate per square yard, say all round? The nature of the improvements required to present Taragupett should all be clearly marked upon a plan of the place.

The alternative arrangement of the new Taragupett (with space available for new mandies) should be shown on another map. Also proposed railway siding to it. How many mandies are there in the present Taragupett and what is the aggregate roofed-in area of these mandies and what is their present value? And what deterioration will they suffer by removal to a new Taragupett?

I believe all this can be got together in a day or so, and when this is done and when Mr. Madhava Rao has ascertained the real sentiments and wishes of the people, their objections and reasons for them, &c, I shall be prepared (after inspection of the locality, if necessary) to come to an immediate decision. The Sanitary Commissioner and, if available, the Sanitary Engineer should help us with their advice.

K. S.
Dewan.
14*th September* 1899

ASSISTANT SECRETARY,

Forward at once to Mr. Madhava Rao direct.

K. S.
Dewan.

Submitted.
C. SRIKANTESWARA AIYAR,
Assistant Secretary.
14*th September* 1899.

BANGALORE TARAGUPETT.

The remarks of the Dewan together with the whole file is forwarded to Colonel Benson, who will kindly send it on to Mr. Standish Lee. I have already asked Mr. Sundram Iyer to prepare the plan wanted by the Dewan and I am writing now to the Deputy Commissioner for further information noted in the Dewan's remarks and asking him to arrange for a meeting where we could get the owners of mandies in old Taragupett to specify their grievances and give us an idea of how far they are prepared to help Government in carrying out the improvements which the Sanitary Authorities may consider necessary for the health of the town.

V. P. MADHAVA RAO,
14*th September* 1899.

BANGALORE TARAGUPETT.

The point on which I am called upon to give an opinion in this matter is—whether the present Taragupett is, from a sanitary point of view, a fit and proper place for so important a trading centre as a Grain Mart, and I have no hesitation in condemning the present Taragupett, from a sanitary point, for the following reasons :—

1*st*. The street is very much too norrow and the approaches to it are insufficient, consequently there is very great stagnation of traffic with its evil attendants, and the houses are packed too close together.

2*nd*. Many of the mandies, where grain is stored, have no basement whatever, especially those on the south side, consequently the floors are damp and the grain is liable to be damaged.

3*rd*. All the mandies are ill-ventilated.

4*th*. There is a large box-drain running along the northern side of the street which at the best is very difficult to keep in a proper sanitary condition and at present there is as much as a couple of feet of silt in it. From a sanitary point of view this drain is extremely objectionable, in addition to which it must very necessarily harbour innumerable rats and other vermin.

There can be no doubt in my mind that either the Taragupett should be removed at once to the new site near the Victoria Hospital, or the present one demolished and the street widened and basements made to the houses, the cost of which, in my opinion, would be almost prohibitive, whilst the time that would be taken to make these alterations might materially affect the trade of the City, and even when it is finished, the site will be considerably inferior to the site near the Victoria Hospital.

P. H. B., Lt. Col., I. M. S.
Senior Surgeon & Sany. Comr.
with the Govt. of Mysore.

MEMO ON THE OLD AND NEW TARAGUPETTS OF BANGALORE CALLED FOR IN DEWAN'S NOTE, DATED 14TH SEPTEMBER 1899 :—

I. The points to be reported on are:—

How best to meet the following requirements:—

(*a*) Trade.
(*b*) Public health.
(*c*) Public convenience.
(*d*) A minimum of interference with the vested rights of the owners of the properties constituting the Old Taragupett.

(*a*) The position of this Grain Market is most probably due to the accident of a few grain merchants having built their houses in this locality on the founding of the City. Its only recommendation is that it is close to the heart of the City. It is concentrated within a length of 1,242 feet on two sides of a road only 25 feet wide. Ingress and egress are possible only by this one road and any extension is impossible. Since the development of the City, in recent years, by access of population and increase of trade on the opening out of railways, there has been a great congestion of traffic in this locality and the accommodation for storage has been found far too limited; but, as the confinement of the grain trade within the narrow limits of this one street, which is without lateral approaches and, therefore, incapable of expansion, is to the advantage of a ring of local merchants,—since it excludes outside competition,—they have very jealously guarded it in the past. Its perpetuation is, however, against public policy, and the present time is opportune to breaking up the combination which has so long hampered free trade in grain and prevented the cultivator from obtaining the best price for his produce.

(*b*) As regards its bearing on the "Public health," the Sanitary Commissioner has, in his Memo, dated 15th September 1899, clearly stated the insanitary conditions which now obtain, and it follows that food-grains stored under these conditions must be exceedingly deleterious to the health of the consumers.

(*c*) The position of the old Taragupett, no doubt, was convenient in the past to the people when their residence was within the old limits of the City, but since the abstraction of the bulk of the imports to the Railway Station, and the expansion of the inhabited area in various directions, it no longer occupies a central position.

(*d*) The depreciation of property by the removal of the Taragupett is unavoidable and the payment by Government of compensation for such depreciation on property, valued by the Assistant Commissioner at Rs. 5,14,388, is out of the question; but the owners are entitled to every privilege that will assist them to recoup their loss. The value of the mandies is not due to the cost of the structures but to the trade carried on in them and, therefore, it is the ground on which they are built that is very valuable. When the trade is bodily removed to another locality the ground there will become equally valuable, if not more so, with the greater facilities for trade it is proposed to provide for the new Taragupett. It, therefore, appears equitable that each mandi owner in the old Taragupett should be given, free of cost, an equal area of land in the new Taragupett with the advantages of broad roads, good ventilation, and a railway siding in front of each building. To carry this out it will be necessary to acquire St. Joseph's Church, which is a dilapidated building proposed to be re-built, and, therefore, capable of acquisition at a cheap rate, provided a more central and more spacious site be given to the Roman Catholic Bishop in exchange. This extension is colored yellow on Tracing No. 1 enclosed.

II. The minor points alluded to in the Dewan's Memo are:—

(*e*) Whether the present Taragupett can be so improved as to satisfy all the above interests, and

(*f*) What such improvements will cost.

As regards (*e*), it has already been shown that the present Taragupett can never fulfil the future requirements of Bangalore and it can be safely asserted that no improvement, short of complete demolition, as pointed out by the Sanitary Commissioner, which would entail a prohibitive expenditure, would render it a fit place for the storage of large stocks of grain; but the widening of the road-way to 50 feet and the opening out of several lateral approaches would greatly tend to improve the ventilation and sanitation of the locality, and, with the raising of the basements of the buildings, they could be adapted for carrying on the trade of retail grain bazaars.

(*f*) The enclosed Tracing No. 2 shows these improvements, and the cost of the engineering portion of the work is estimated at Rs. 22,679 (two estimates enclosed). The compensation to be paid for the buildings is under preparation by the General Assistant Commissioner and will be submitted as soon as received.

III. The question,—what share of the above cost will be forthcoming from present mandi owners?—is being dealt with by the Deputy Commissioner.

IV. The alternative arrangement of the new Taragupett, with space available for new mandies and the proposed Railway siding, are shown on Tracing No. 3.

The siding will hold 40 wagons. They can be hand shunted into the loop, and by means of a traverser down each street taken wherever wanted. Hand shunting in a street is much safer and more economic than an engine pushing a number of wagons into it.
The cost will amount to about—

	Rs.
Compensation for buildings	2,780
Earth-work	8,000
Ballast	1,000
Permanent way	20,000
2 sets of points and crossings	1,100
2 wagon traversers	4,000
Wire-fencing	1,120
Station buildings	2,000
Total Rs..	40,000

V. The old and new Taragupetts compare as under :—

Old Taragupett.		New Taragupett.		Plus or minus.
Number of mandies ...	146	No. of mandies already built ...	56	
		No. of sites sold for mandies ...	162	
		Additional extension proposed ...	92	
Total number ...	146		310	+ 164
Area roofed, in square yards ...		Area roofed in square yards ...	9,233	
		Area available to be roofed—in...	31,713	
		Additional extension proposed...	33,976	
Total ...	11,559½		74,922	+ 63,362½

Enclosures :—

1 Deputy Commissioner's No. 204, dated 12th Sept. 1899, with enclosure.
1 D. O. dated 13th Sept. 1899.
1 Mr. Madhava Rao's Notes thereon, dated 13th Sept. 1899.
1 Dewan's Memo, dated 14th September 1899.
1 Mr. Madhava Rao's Memo circulating the above papers.
1 Sanitary Commissioner's Memo of 15th September 1899.
3 Tracings.
2 Estimates.

11

V. The original papers noted on the margin, received from the Sanitary Commissioner, are herewith returned.

STANDISH LEE,
Superintending Engineer,
Sanitary Works.

BANGALORE,
20th September 1899.

SANITARY CIRCLE.

Detailed Estimate for opening out Cross roads and Conservancy lanes in the old Taragupett of the Bangalore City.

Details of work.	No.	Dimensions.			Contents.	Total.
		L.	B.	D.		
DISMANTLING HOUSES AND REMOVING DEBRIS.						
Cross Road No. 1.						
North of Taragupett Road up to Taluk Cutcherry Road.	1	480	20	.....	9,600	
South of ditto up to Gundopantalu Street.	1	300	20	.....	6,000	
Cross Road No. 2.						
North of Taragupett Road up to Taluk Cutcherry Road.	1	330	20	.....	6,600	
South of Taragupett up to Gundopantalu Street.	1	280	20	.....	5,600	
Cross Road No. 3.						
North of Taragupett Road up to Mamoolpete	1	190	20	.....	3,800	
Cross Road No. 4.						
North of Taragupett Road up to Taluk Cutcherry Road.	1	500	20	.....	10,000	
South of ditto up to Gundopantalu Street.	1	330	20	.....	6,600	
Cross Road No. 5.						
North of Taragupett Road up to Taluk Cutcherry Road.	1	450	20	.....	9,000	
Cross Road No. 6.						
North of Taragupett Road up to Taluk Cutcherry	1	550	20	.....	11,000	
South of ditto up to Kengeri Road	1	780	20	.....	15,600	
Conservancy Road north of Taragupett ...	1	820	15	.....	12,300	
Ditto south of ditto ...	1	720	20	.....	14,400	
Total sq. ft. ...	...	.....	.....	.....	110,500	
or Square yards ...	...	.....	.....	.....	.....	12,278
Sectioning and forming Road.						
As per dismantling above noted sq. yds.	...	.....	.....	.....	.....	12,278
Excavating Earthen side drains ...	2	5,730	.....	.....	11,460	
or R. yds.	...	.....	.....	.....	.....	3,820
Metalling Roads	1	$\frac{5730}{3}$	5	$\frac{1}{6}$	1,591	1,591
Gravelling 1½" deep	1	$\frac{5730}{3}$	5	.....	398	398
Slab stone V-drains for sides ...	2	5,730	3	.....	34,380	34,380

SANITARY CIRCLE.

Abstract Estimate for opening out Cross roads and Conservancy lanes up to the old Taragupett of the Bangalore City.

Items.	Per	Rate.	Contents.	Cost.
Dismantling houses and removing debris ...	S. yds.	0 4 0	12,278	3,070
Sectioning and forming road		0 0 4	12,278	256
Excavating earthen side drains	R. yds.	0 0 3	3,820	60
Metalling roads. } Including breaking, stocking, spreading, watering and tamping, also carting, &c.	C. yds.	1 8 0	1,591	2,387
Gravelling 1½" deep do do ...		0 13 0	398	323
Slab stone V-drain for sides ...		0 2 6	34,380	5,372
Total ...				11,468
Contingencies at 5 per cent				573
Grand Total ..				12,041

BANGALORE,
19*th September* 1899.

STANDISH LEE,
Superintending Engineer,
Sanitary Works.

Estimate of the Probable Cost of widening Taragupett Road from Arcot Srinivasacharlu's Street to the Avenue Road in the Bangalore City.

Details.	No.	Measurements in feet. L.	B.	D.	Contents.	Total.
Picking Road	1	1,250	27	...	$\frac{33750}{9}$	...
Total picking, square yards ...	...	...	...	...	...	3,750
Metalling (6" depth)	1	1,250	27	$\frac{1}{2}$	$\frac{16875}{27}$	...
Total metalling, C. yards ...	...	...	...	...	...	625
Gravelling (1½" thick)	1	1,250	27	$\frac{1}{8}$	$\frac{4219}{27}$	...
Total gravelling, C. yards ...	...	...	...	...	...	156
Removing and re-placing slabs of V-drains both sides with ⅓ new slabs.	2	1,250	3	..	7,500	...
Total slabs, square ft. ...	...	...	...	...	...	7,500
⅓ of new slabs for V-drains, square feet ...	...	...	...	...	$\frac{7500}{5}$	1,500
Paving with Cuddappa slabs on both sides of road.	2	1,250	10	...	25,000	...
Total Cuddappa slabs ...	...	...	Square.	...	...	25,000
Concrete over covering slabs of box-drains on both sides.	2	1,250	3	¼	1,875	...
Total concrete, C. ft. ...	...	..	...	...	...	1,875
Iron manhole covers with frames (both sides) for every 100 feet apart.	2 × 6	...	(2' × 2')	...	+2	...
Total iron manhole covers with frames fitting, &c., complete.	...	...	...	...	...	No. 12.
Dismantling houses from Avenue Road to house No. 36.	1	550	25	....	13,750	...
Dismantling houses from house No. 36 to Arcot Srinivasacharlu's street.	1	700	15	...	10,500	...
Total dismantling sq. ft. or sq. yds ...	...	..	..	...	$\frac{24250}{9}$	2,694

ABSTRACT.

Items.	Per	Rate. Rs. a. p.	Quantity.	Cost. Rs.
Picking Road	Sq. yds.	0 0 3	3,750	58
Metalling, including breaking, stocking, spreading, watering and tamping also carting, &c.	C. yds.	1 8 0	625	938
Gravelling do (1½" thick)	C. yds.	0 13 0	156	127
Removing and replacing slabs of V-drains	S. ft.	0 1 3	7,500	586
New slabs for V-drains	S. ft.	0 2 6	1,500	235
Paving with Cuddappa slabs with asphalte pointing, &c., complete.	Square.	25 0 0	250	6,250
Concrete over covering slabs.	C. ft.	0 3 0	1,875	351
Iron manhole covers with frames fitting, &c., complete, for every 100 feet apart	each.	20 0 0	No. 12	240
Dismantling houses, carting debris and levelling ground.	S. yds.	0 8 0	2,694	1,347
Total ...	...	...	...	10,132
Contingencies ...	...	...	...	506
Grand Total ...	...	...	...	10,638

BANGALORE,
19th September 1899.

STANDISH LEE,
Superintending Engineer,
Sanitary Works.